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# ASSESSMENT OF THE PARTICLE SIZE OF A POWDER WITH ALLOWANCE FOR ITS PARTICLE SHAPE.

Potrebenikov G.
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

## Abstract

The author gives theoretical assessments of the influence of particle shape on particle size analysis and compares particle size estimates obtained by different methods for some typical metal powders. By comparing the calculated data with data for particles in the position of greatest stability, it is possible to assess the effect of orientation of nonequiaxed particles on the results of microscopic particle size analysis.